Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
33	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain color White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. P.No.60, I.No.9.94								
	second floor								
	D3	sqm	2	0.75		2.10	3.15		
	Basic rate							3800.00	
	Add lift charges 4Rs/sqm for every additional floor							8.00	
	sub total							3808.00	
	Area weightage 8%							304.64	
	Total						**3.15**	**4112.64**	**12954.82**
34	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality.Pg No.33 Item No.7.11.2								
	Ground floor								
	V	sqm	1	1.80		0.60	1.08		
	Basic Rate							4435.00	
	Area weightage 8%							354.8	
	Total						**1.08**	**4789.80**	**5172**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	second floor								
	V	sqm	2	0.75		0.60	0.90		
	Basic Rate							4435.00	
	Add lift charges 6Rs/sqm for every additional floor							12.00	
	sub total							4447.00	
	Area weightage 8%							355.76	
	Total						**0.90**	**4802.76**	**4322.48**
35	KSRB 14-17.2 : Providing **skirting, dado, rises of steps with colour glazed tiles** 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 108,Item No14.41.2								
	Wall Cladding								
	second floor								
	Toilet								
		sqm	2	6.60		1.95	25.74		
	deductions								
	D3	sqm	2	0.75		-2.10	-3.15		
	V	sqm	2	0.75		-0.60	-0.90		
	basic rate							1632	
	Add lift charges 2Rs/sqm for every additional floor							4.00	
	sub total							1636.00	
	Area weightage 8%							130.88	
	total						**21.69**	**1766.88**	**38323.63**
36	ISOPROOF SEALER Providing waterproof treatment to roof slab using 2 coats of acrylic co polymer elastomeric ISOPROOF sealer & protector. The surface shall be prepared free of tar, dust, fungus, loose particles etc.,The surface shall be applied with basecoat of crystallization liquid and then ISOPROOF, wetting agent and liquid (1:1:6) over the prepared surface. In addition the surface shall be provided with polysulphide/ acrylic sealant to V groves, making haunch at junction of parapet and roof slab and at damaged portion using patching mortar to drain off rain water. Over this one coat of flexible cementatious membrane (FCM), Spreading 2 layers of 40 gsm non woven geotextile membrane as reinforcing material (over FCM) with one primer coat of ISOPROOF & applying second coat of ISOPROOF liquid over the primer coat - conforming to ASTM D 412 - 1992. The work shall be carried out as per the directions of the Engineer in charge. Pg.No-275,Item No-38.3								
	Portico slab	sqm	1	3	2.2		6.60		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	second floor								
	Toilet	sqm	2	1.20	2.1		5.04		
	basic rate							980	
	Area weightage 8%							78.4	
	total						**11.64**	**1058.4**	**12319.78**
37	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg.No-15,Item No-4.31								
	Compound wall								
	For fixing grill								
	Front side	sqm	2	33.50		0.20	13.40		
	Back side	sqm	2	33.50		0.20	13.40		
	Deduction for openings								
	G1	Sqm	1	3.00		-0.60	-1.80		
	G2	Sqm	1	3.00		-0.60	-1.80		
	Basic rate							**358.00**	
	Area weightage 8%							28.64	
	Total						**23.20**	**386.64**	**8970.05**
38	Providing ornamental security grill.(Data Rate)								
	Compound wall								
	Front side	sqm	1	33.50		0.60	20.10		
	Back side	sqm	1	33.50		0.60	20.10		
	Deduction for openings								
	G1	Sqm	1	3.00		-0.60	-1.80		
	G2	Sqm	1	3.00		-0.60	-1.80		
	total						**36.60**	**9144**	**334670.40**
39	Pg No 134,Item No17.4 Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.								
	EARTH	Cum					9.38		
	Loading and unloading item no.17.1 KSRRB M 100-1	Cum						57	
	Basic rate for haulage of materials as per item No. 17.4 KSRRB : M 100 - 4.1	t.km	For surface roads exluding loading & unloading					2	

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Average Weight of	For2Kms =2x1.28x2						5.12	
	Basic rate							62.12	
	Area weightage 8%							4.97	
	total						**9.38**	**67.09**	**629.16**
40	Providing and fixing M.S. Gate as per Chief Architect Drawing,using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. Pg no:42.Item no:7.37								
	gate								
	G1	Sqm	1	3.00		1.80	5.40		
	G2	Sqm	1	3.00		1.80	5.40		
	Basic rate							3012.00	
	Area weightage 8%							240.96	
	Total						**10.80**	**3252.96**	**35131.97**
41	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Pg no:120.Item no:15.74								
	gate								
	G1	Sqm	2	3.00		1.80	10.80		
	G2	Sqm	2	3.00		1.80	10.80		
	Grill work								
	Front side	sqm	2	33.50		0.60	40.20		
	Back side	sqm	2	33.50		0.60	40.20		
	Basic rate							95.00	
	Area weightage 8%							7.60	
	Total						**102.00**	**102.60**	**10465.20**
42	Providing and fixing Veneer panelling, over the 50mmx35mm sal wood framework at spacing not exceeding 600mm c/c fixed to the wall and top covered out of 4mm thick approved quality vaneer, fixed over 12mm thick ply of approved brand, termite and water resistant, finished with melamine polish, complete including cost and conveyence of all materials, labour for all items of work HOM etc.., complete as per specifiation.Pg no:324.Item no:39.1								
	Second floor								
	Hall	sqm	1	18.15		2.10	38.12		
		sqm	1	23.71		2.10	49.79		
		sqm	1	8.98		2.10	18.86		
		sqm	1	5.56		2.10	11.68		
		sqm	2	3.10		2.10	13.02		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Stage	sqm	1	7.60		2.10	15.96		
		sqm	2	4.40		2.10	18.48		
	Deduction for openings								
	D1	sqm	1	1.80		-2.10	-3.78		
	D3	sqm	2	0.90		-2.10	-3.78		
	W1	Sqm	3	1.50		-1.50	-6.75		
	Basic rate							3739.00	
	Area weightage 8%							299.12	
	Total						**151.59**	**4038.12**	**612147.09**
43	Providing and Fixing of ACP Cladding panels with Mild Steel Structure of 4mm thick with Aludecor ACP Sheet, Alloy with Aluminium frame work including Structure. Mark Aluminium base , Red Acrylic. Mild steel pipe luvers including décor design works along form work such Scaffolding and finishing with two coats primer painting of approved design inclusive of all materials , Labour for all item of work ,HOM of machinery, Equipments, including texture wall painting Specification, including tax and Transportation charges as per the approved design and direction of Engineer in Charge.(Data rate)								
	ACP cladding								
	Front Side								
		Sqm	1	28.5		7.65	217.94		
	Deduction								
	D1	Sqm	1	1.8		-2.1	-3.78		
	V1	sqm	1	0.75		-0.6	-0.45		
	V2	sqm	1	3.3		-0.6	-1.98		
	V3	sqm	1	3.4		-0.6	-2.04		
	V5	sqm	1	1.75		-0.6	-1.05		
	Total						**208.64**	**9750**	**2034248.29**
44	KSRB 14.10-3: Providing flooring with 20mm thick polished Cadapa slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS Pg No.105, It No.14.17								
	For sink(Backside)								
	Bottom slab	sqm	1	3.6	0.3		1.08		
	front wall	sqm	1	3.6		0.3	1.08		
	side wall	sqm	2		0.3	0.3	0.18		
	Basic rate							1288.00	
	Area weightage 8%							103.04	
	Total						**2.34**	**1391.04**	**3255.03**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
45	Stainless Steel Tables for Dining hall(Data rate)								
		Nos	2				2		
	Total						2	**10000**	**20000.00**
46	Stainless Steel Stools for Dining hall(Data rate)								
		Nos	6				6		
	Total						**6**	**1300**	**7800.00**
47	Neelkamal/supreme Plastic Moulded chairs(Superior quality) for samudhayabhavana (Data rate)								
		Nos	160				160		
	Total						**160**	**1200**	**192000.00**
48	Supplying ,installing and Commissioning of water Purifier with RO,semi automatic, permeate floe,rate @ 200LPH, & concentrate flow rate@800LPH etc... complete as per the technical specification appended with the estimate with necessary fixtures & spare parts of approved make & brand etc.., complete as per direction of engineer in charge(Data rate)								
		Unit	1				1		
	Total						**1**	**180465**	**180465.00**
49	KSRB 11-6 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, S-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre white glazed / vitreous china clay low level, flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11.(page no 77.Item no.12.6)								
	second floor								
	Toilet	Each	2				2		
	Basic rate							4807	
	Area weightage 8%							384.56	
	Total						**2**	**5191.56**	**10383.12**
50	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (page no 80.Item no.12.23)								
	second floor								
	Toilet	Each	2				2		
	Basic rate							4007	
	Area weightage 8%							320.56	
	Total						**2**	**4327.56**	**8655.12**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
51	KSRB13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3. (P.No.93/ I.No. 13.24)								
		Each	10				10		
	Basic rate							173	
	Area weightage 8%							13.84	
	Total						**10**	**186.84**	**1868.40**
52	KSRB-13-6.2-2 : Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.Specification no. KBS 13.2.2/ 13.3(P.No.93/ I.No. 13.27)								
		Each	6				6		
	Basic rate							141	
	Area weightage 8%							11.28	
	Total						**6**	**152.28**	**913.68**
53	Providing wash basin brackets of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot.(P.No.89/ I.No. 12.107)								
		pair	4				4		
	Basic rate							240	
	Area weightage 8%							19.20	
	Total						**4**	**259.2**	**1036.80**
54	KSRB-13-6.6-1 : Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS(P.No.94/ I.No. 13.46)								
		Set	5				5		
	Basic rate							234	
	Area weightage 8%							18.72	
	Total						**5**	**252.72**	**1263.60**
55	KSRB-13-6.6-3 : Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS(P.No.94/ I.No. 13.48)								
		Set	5				5		
	Basic rate							242	
	Area weightage 8%							19.36	
	Total						**5**	**261.36**	**1306.80**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
56	Providing pedestal for wash basin of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot.								
		Each	2				2		
	Basic rate							900	
	Area weightage 8%							72.00	
	Total						**2**	**972**	**1944.00**
57	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe. do- 110mm dia(P.No.90/ I.No. 12.116.1)								
		m	10				10		
	Basic rate							434	
	Area weightage 8%							34.72	
	Total						**10**	**468.72**	**4687.20**
58	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe. do- 160mm dia(P.No.90/ I.No. 12.116.1)								
		m	20				20		
	Basic rate							853	
	Area weightage 8%							68.24	
	Total						**20**	**921.24**	**18424.80**
59	KSRB 11.15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.(P.No.84/ I.No. 12.41)								
		unit	2				2		
	Basic rate							1136	
	Area weightage 8%							90.88	
	Total						**2**	**1226.88**	**2453.76**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
60	KSRB13-6.2-4 : Providing and fixing in position brass stop cock of approved quality 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3(P.No. 91/ I.No.13.29								
	second floor								
	Toilet	Each	8				8		
	Basic rate							139	
	Area weightage 8%							11.12	
	Total						**8**	**150.12**	**1200.96**
61	KSRB13-6.3-4 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3, P.No. 92/ I.No.13.35								
	second floor								
	Toilet	Each	6				6		
	Basic rate							830	
	Area weightage 8%							66.40	
	Total						**6**	**896.4**	**5378.40**
62	KSRB13-1.6 : Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 50mm dia nominal bore with fittings (medium grade weight 1.27kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.8 , P.No.90. I.No. 13.6								
	second floor								
	Toilet	Rmt	1	20			20		
	Basic rate							512	
	Area weightage 8%							40.96	
	Total						**20**	**552.96**	**11059.20**
63	Providing and fixing chlorinated poly venyl chloride(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threded fittings including fixing the pipe with clamp at 1.00m spacing.This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Conceled work including cutting chases and good the walls etc.,) 25 mm dia P.No.98. I.No. 13.85.3								
	second floor								
	Toilet	Rmt	1	25			25.00		
	Basic rate							196	
	Area weightage 8%							15.68	
	Total						**25.00**	**211.68**	**5292.00**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
64	Providing and fixing chlorinated poly venyl chloride(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threded fittings including fixing the pipe with clamp at 1.00m spacing.This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete.(Conceled work including cutting chases and good the walls etc.,) 20 mm dia P.No.98. I.No. 13.85.2								
	second floor								
	Toilet	Rmt	1	20			20.00		
	Basic rate							157	
	Area weightage 8%							12.56	
	Total						**20.00**	**169.56**	**3391.20**
65	Providing and fixing in position Brass Gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specification 20 mm dia, P.No.98. I.No. 13.33								
		Nos	15				15.00		
	Basic rate							336	
	Area weightage 8%							26.88	
	Total						**15.00**	**362.88**	**5443.20**
66	Providing and fixing in position Brass Gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specification 25 mm dia								
		Nos	15				15.00		
	Basic rate							449	
	Area weightage 8%							35.92	
	Total						**15.00**	**484.92**	**7273.80**
67	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 12.5cms x 7.5cms P.No.88. I.No. 12.113.2								
	second floor								
	Toilet	Each	2				2		
	Basic rate							285	
	Area weightage 8%							22.80	
	Total						**2**	**307.8**	**615.60**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	DRAIN WORK								
68	KSRRB 300-1. **Earthwork excavation by manual means for roads,** drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1) 5km lead= 57+2.0x1.28x5 =69.80								
	New Drain								
		cum	1	50	0.9	0.9	40.5		
	Basic rate							130.00	
	Area weightage 6%							7.80	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Sub total							207.60	
	Total						**40.50**	**207.60**	**8407.80**
69	KSRRB M2100-10. Providing and laying **Plain cement concrete of mix 1:3:6** with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
	PCC for Drain								
		cum	1	50.00	0.9	0.10	4.5		
	Basic rate							5115.00	
	Area weightage 6%							306.90	
	Total						**4.50**	**5421.90**	**24398.55**
70	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm(Item No 37.59.2 page no 271)								
	Drain								
	Bottom slab	cum	1	50.00	0.9	0.15	6.75		
	Drain wall	cum	2	50.00	0.15	0.60	9		
	Basic rate							6670.00	
	Area weightage 6%							400.20	
	Total						**15.75**	**7070.20**	**111355.65**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
71	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification No. Pg No.229 Item No.28.8.2								
	For Drain	Cum					15.75		
		kg	Steel assumed 50Kg/Cum of Concrete				787.50		
		tonne					0.79		
	Basic rate							68233	
	Area weightage 6%							4093.98	
	Total						**0.79**	**72326.98**	**56957.50**
72	Providing and Fixing pre cast **covering Slab 250mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge(Data rate)								
	New Drain								
	Cover slab	sqm	1	50.00	0.9		45		
	Data rate							**5418.00**	
	Total						**45.00**	**5418.00**	**243810.00**
								GRAND TOTAL	**6411311.58**
								GST Charges (12% of estimated cost)	**769357.4**
								Miscellenious and rounding	**331**
								TOTAL AMOUNT	**7181000**

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on C.S.R of 2018-2019 and approved rates.

Assistant Engineer
Yelahanka Project
BBMP

Assistant Executive Engineer
Yelahanka Project
BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Executive Engineer
Yelahanka Project
BBMP

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Technical Sanction
Accorded For .....
Head of A/C.....
CER NO :..... Dt:..

TA CE (YNK)

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF PROJECT : BALANCE WORKS TO SAMUDHAYA BHAVANA IN WARD NO.2

(2) BOREWELL

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							Estimate Cost Rs.	637500.00	
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation. Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction **(P.48, I. 9.4) PRED.SR 2012-13**	Each BW	1				1	1882.00	**1882.00**
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc..) P. 46 / I. 9.1 PRED SR 2012-13 **0 to 50 m**	Rmtr	1	50.00			**50.00**	315.18	**15759.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 **50 to 100 m**	Rmtr	1	50.00			**50.00**	412.00	**20600.00**
4	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 **100 to 150 m**	Rmtr	1	50.00			**50.00**	458.35	**22918.00**
5	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 **150 to 200 m**	Rmtr	1	50.00			**50.00**	484.10	**24205.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 **200 to 250 m**	Rmtr	1	50.00			**50.00**	560.32	**28016.00**
7	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 **250 to 300 m**	Rmtr	1	50.00			**50.00**	600.49	**30025.00**
8	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty **P. iii, I No. 84 PRED SR 2012-13**	Rmtr							
			1	70.00			**70.00**	1325.00	**92750.00**
9	Providing 250mm dia PVC Pipe 6kg/cm **BWSSB SR 2014-15 Page No. 53, Item No. 1(ii)**	Rmtr							
			1	18.00			**18.00**	1100.00	**19800.00**
10	Providing and fixing 160mm Borewell Cap **P. iii, I No. 85 PRED SR 2012-13**	Each							